

MATTINGLY, STANGER & MALUR, P.C.

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370

ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

Date: November 25, 2003

Attorney Docket No. H-1121

CUSTOMER NO. 24956

To: Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir: Transmitted herewith for filing is the patent application of:

Inventor: Y. KANEDA et al

For:

DATA STORAGE SYSTEM, DATA STORAGE APPARATUS,
COMPUTERS AND PROGRAMS

Enclosed are:



9 Sheets of Drawings



This application is being filed without an executed Declaration.

Priority is claimed from Japanese Application No. 2002-344812 (which is hereby
filed November 28, 2002 ☒ A certified copy is attached herewith. incorporated byCopies of the disclosure documents listed on the attached PTO 1449 form and
☐ discussed in the specification or ☐ attached Information Disclosure Statement. reference)

Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.

Specification: Abstract X, Description 34 pages; and 13 claim(s).

Preliminary Amendment.



Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	13 - 20 = *	0
Indep Claims	8 - 3 = *	5
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 420
+ 280	\$ 0
Total	\$ 1,200

A check or credit card payment form in the amount of \$ 1,200.00 is enclosed for the filing fee.The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,293

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

03917 U.S. PTO
10/720308

13281 U.S. PTO

LIST OF INVENTORS' NAMES AND ADDRESSES

Yasunori KANEDA, Sagamihara, JAPAN;

Ayumi MIKUMA, Kawasaki, JAPAN.